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INFO	RMATION	DISCI	OSLIDE	Application Number	10/610,481		
i	EMENT B			Filing Date	June 30, 2003		
SIAI	DIVIDIAL D	IAIL	ACANI	First Named Inventor	Tuschel, David		
				Group Art Unit	2877		
(use as many sheets as necessary)			as necessary)	Examiner Name	[Not Assigned]		
Sheet	2	030	3	Attorney Docket Number	030354		

	_	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/.or country where published.	T²
	BA	MIZOGUCHI et al. "Raman image study of flash-lamp annealing of ion-implanted silicon" Journal of Applied Physics 77 (7) I April 1995, pp. 3388-3392.	
Q_	ВВ	OTHONOS et al., "Raman spectroscopy and spreading resistance analysis of phosphorous implanted and annealed silicon", Journal of Applied Physics 75 (12) 15 June 1994, pp. 8032-8038.	
	BC	OTHONOS et al., "Multi-wavelength Raman probing of phosphorus implanted silicon wafers", Nucl. Instr. and Meth. in Phys. Rev. B. 117 (1996) pp. 367-374	
2	BD	CHRISTOFIDES et al., "Reconstruction mechanisms in ion implanted and annealed silicon wafers", Defect and Diffusion Forum Vols. 117-118 (1985), pp. 45-64	
EL	BE	ISHIOKA et al. "Reduction in Raman Intensity of Si (1 1 1) Due to Defect Formation During Ion Irradiation", Solid State Communications, Vol. 96, No. 6, pp. 387-390 (1995).	
CL	BF	DEY et al, "Raman scattering characterization of Si(100) implanted with mega-electron-volt Sb", Journal of Applied Physics 87 (3) 1 February 2000, pp. 1110-1116	
SC	BG	JAIN et al, "Raman scattering from ion-implanted silicon" Physical Review B. Vol. 32, No. 10, 15 November 1985, pp. 6688-6691	
Z	ВН	DEWILTON et al, "RAMAN SPECTROSCOPY FOR NONDESTRUCTIVE DEPTH PROFILE STUDIES OF ION IMPLANTATION IN SILICON", J. Electrochem. Soc.: SOLID STATE SCIENCE AND TECHNOLOGY, ,May 1986, pp. 988-993	
	BI	ZHANG et al "Details of the Damage Profile in Self-Ion-Implanted Silicon", vol. 25 Journal of Raman Spectrocsopy, pp. 515-520 (1994).	
8	BJ	GORELICK, "Raman And Non-Linear Light Scattering From Undersurface Layers Of Ion Implanted Silicon Crystals", materials Science Forum, vol. 173-174 (1995) pp. 237-242	
S	BK	NAKASHIMA et al. "Raman microprobe study of recrystallization in ion-implanted and laser-annealed polycrystalline silicon" Journal of Applied Physics 54 (5) May. 1983, pp. 2611-2617	

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				Filing Date	June 30, 2003
SIAI	STATEMENT BY APPLICANT	ACANI	First Named Inventor	Tuschel, David	
		TION DISCLOSURE NT BY APPLICANT (use as many sheets as necessary) Application of the filtred shape of the filtr	Group Art Unit	2877	
(use as many sheets as necessary)			as necessary)	Examiner Name	[Not Assigned]
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	ВМ	SHUKLA et al, "Raman scattering from ultraheavily-ion-implanted and laser-annealed silicon" <i>Physical Review B.</i> Vol. 34, No. 12, 15 December 1986, pp. 8950-8953	T
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		DEWILTON et al, "A Raman study of the dopant distribution in submicron pn junctions in B* or BF ₂ * ion implanted silicon", SPIE Vol. 623 Advanced Processing and Characterization of Semiconductors III 1986, pp.26-34	
4		KIRILOV et al; "Amorphous phase transformation during rapid thermal annealing of ion-implanted Si", Mat'l. Res. Soc. Symp. Proc., Vol. 52 (1986), pp. 131-138	
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